

Combinatorics of face lattices

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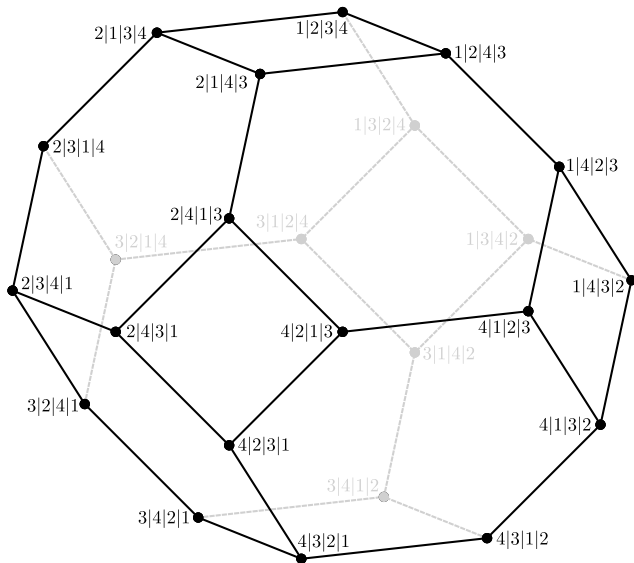
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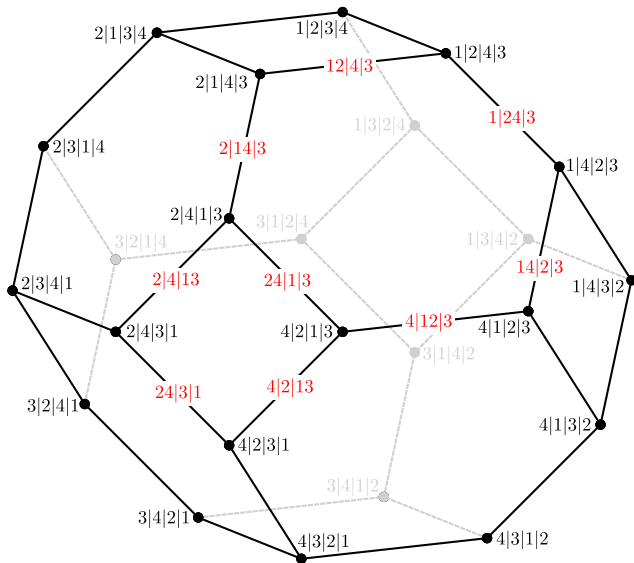
Permutohedron

Permutohedron $R_4 \subseteq \mathbb{R}^4$, projected down to \mathbb{R}^3 .



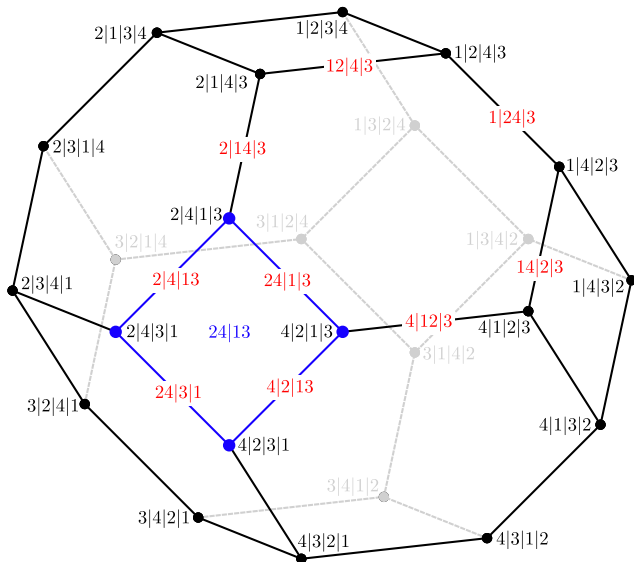
Permutohedron

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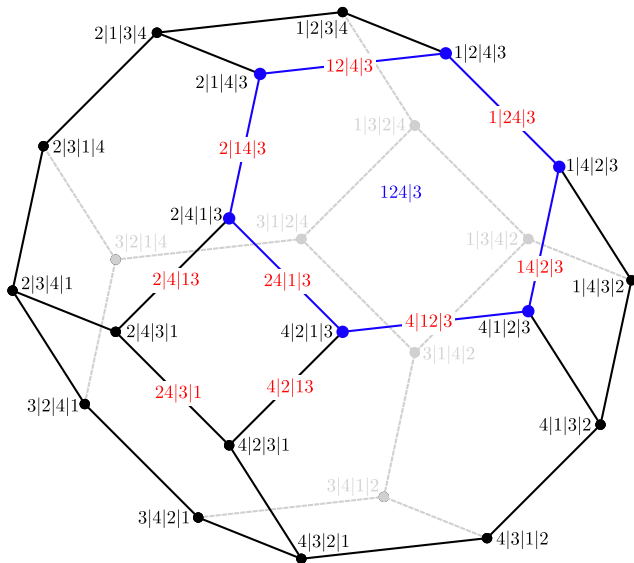
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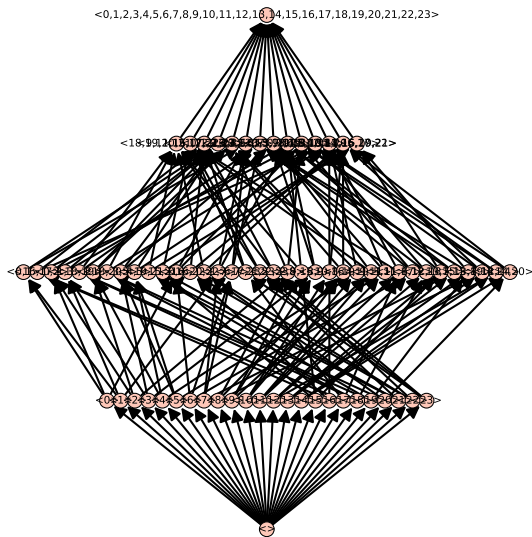
Permutohedron

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Permutohedron

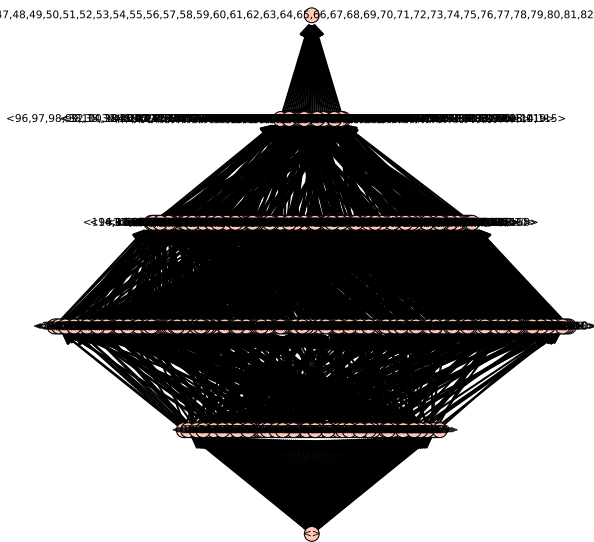
Face lattice of $R_4 \subseteq \mathbb{R}^4$.



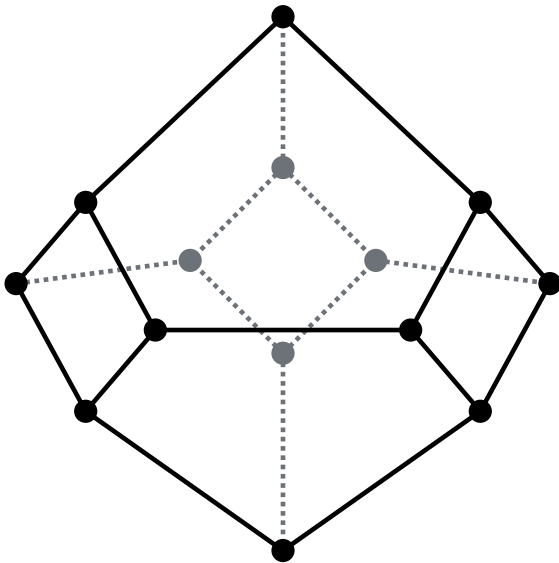
Permutohedron

Face lattice of $R_5 \subseteq \mathbb{R}^5$.

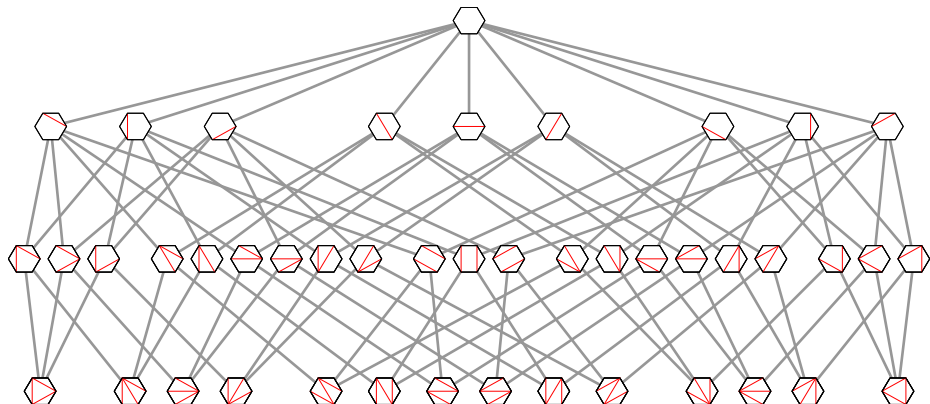
43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85



Associahedron



Associahedron



Associahedron

